

PART III

APPENDICES

APPENDIX A: MAJOR COMPUTER FILES AT NAVY INVENTORY CONTROL POINT (NAVICP) AND UNIFORM INVENTORY CONTROL POINT (UICP) RETRIEVALS

1.0 MAJOR COMPUTER FILES

The major computer files at NAVICP constitute a real-time data base containing the data elements needed to support configuration status, inventory management, procurement contract history, and related supply support functions. There are five major files with which the Inventory Manager (IM) is primarily concerned.

1.1 Weapon Systems File (WSF)

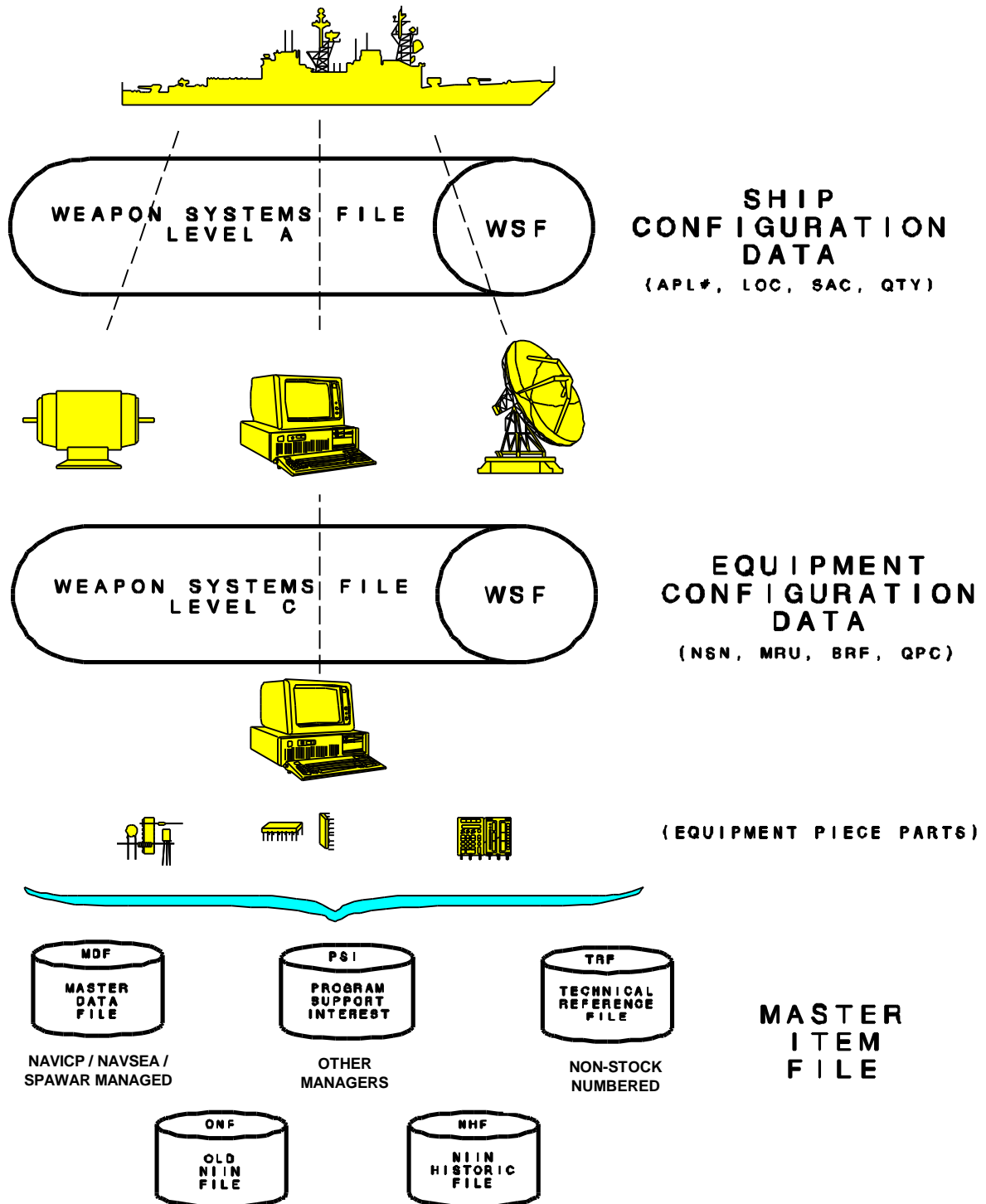
After provisioning decisions are made by the Hardware Systems Commands during the acquisition process, the information concerning these decisions is coded and stored in NAVICP's WSF. The WSF is the central computerized repository for configuration and logistic information on equipment installed in Navy ships and at selected shore activities. A separate file is also located at NAVICP-Philadelphia for Navy aviation material.

As illustrated in Figure A-1, the WSF has two major random access segments applicable to each ship requiring logistic support. Level A reflects all installed systems and equipment by specific installed configuration (i.e. ship). Level C contains all spares and repair parts required for maintenance of each installed equipment. Supporting files include:

- Master Data File (MDF).
- Program Support Interest (PSI) File.
- Technical Reference File (TRF).
- National Item Identification Number (NIIN) History File (NHF).
- Old NIIN (National Item Identification Number) File (ONF).

Level A contains the configuration header data relating to a ship or shore activity; i.e., Unit Identification Code (UIC), ship type and hull number or shore activity name, type commander, and status (active or reserve). Trailer data in Level A identifies, by Allowance Parts List (APL) number, all equipment installed or assigned to each ship along with system and location information. Level C contains equipment APL header data; i.e., nomenclature, manufacturer, technical manuals, and descriptive equipment information. Level C trailers contain data identifying and describing all spares and repair parts used at all levels of maintenance.

COMPUTER FILES STRUCTURE



1.2 Master Data File (MDF)

The MDF is the official inventory record for all spares and repair parts managed by NAVICP, NAVSEA, and SPAWAR. By utilizing Data Element Numbers (DENs) in a specialized WSF Level C access program (see NAVSUP Pub 508 [Supply Management Program Standard Data Element Dictionary]), IMs can maintain visibility and control of the assets they are responsible for. The MDF contains:

- a. Management information to perform inventory control functions (i.e., price, system demand forecasts, procurement lead-time, and inspection requirements invoked by the cognizant technical activity).
- b. Peculiar technical data elements applicable to allowance preparation.
- c. Acquisition method codes and acquisition method suffix codes.
- d. Other technical information.

1.3 Program Support Interest (PSI) File

The PSI file contains a list of National Stock Numbers (NSNs) managed by other System Inventory Managers (i.e. USAF, DLA, etc). This file is different from the MDF in that it does not contain any data relating to the inventory management of on-hand balances or assets due. However, the PSI file does contain data relating to equipment applications. This file is used primarily to determine the source for obtaining parts managed by other System IMs yet needed for maintenance of Navy equipment aboard ships or at shore activities.

1.4 Technical Reference File (TRF)

The TRF is an on-line file for non-stock numbered items considered vital for conduct of NAVICP operations.

1.5 NIIN History File (NHF)

As it pertains to NAVSEA 2F, 2J and 2S cognizance (COG) items, the NHF lists NIINs/Navy Item Control Numbers (NICNs) that have been deleted from the PSI or MDF. Deletions can be due to the following reasons: no further procurements, no longer in use by the fleet, disposals generated, or obsolete item.

1.6 Old NIIN File (ONF)

As it pertains to NAVSEA 2F, 2J and 2S COG items, the ONF lists NIINs/NICNs that have been superseded from the MDF or PSI files and the new NIINs that have replaced them.

1.7 Other Files

Other files that may be accessed via retrieval include:

- a. Contract History File (CHF) and Contract Status File (CSF): The CHF contains data on the completed purchase contracts for each item. This data is retained for four years from the date of contract completion. The CSF contains item data on all open procurement requests and active contracts. Information relating to the CHF and the CSF is contained in one automated file arranged in NIIN sequence. Due to dissimilar funding sources, contracts for NAVSEA 2F, 2J and 2S COG items are not currently loaded in the CHF and CSF files.
- b. Cross Reference File (CRF): Provides a record of all manufacturer's part numbers, specifications, or other identifying numbers cross referenced to current NIIN.
- c. Planned Program Requirements (PPR) File: Provides detailed records supporting NAVICP internal and external customer advance planning requirements that can be qualified and identified by NSN.
- d. Due-in/Due-out File (DDF): Contains summarized quantities of due-in and due-out assets at reporting activities. Due in data for 2F, 2J and 2S COG items are not currently present given the absence of contract data in the CSF.
- e. Supplemental Nomenclature File (SNF): Contains additional technical information about a specific NIIN/NICN as it relates to an APL or Allowance Equipage List (AEL).

2.0 UICP REAL TIME RETRIEVAL PROGRAMS

IMs of NAVSEA material may use Inquiries to obtain a diversity of technical and logistics data. Primary Program Type "PT" Series retrieval options are described below. In addition, Update Programs may be used by NAVSEA IMs to input specified data, including posting and updating requisition status (see Chapter 6).

To effectively manipulate retrieval programs, users will need to define:

- a. The file(s) to be accessed.
- b. The specific "PT" Series Programs necessary to access selected files.
- c. The desired Data Element Numbers (DENs).
- d. The appropriate File Index Key.

The general relationship of these elements, relative to IM inquiries, is described in the matrix on the following page.

File To Program Type: Cross Reference

<u>File</u>	<u>File Index Key</u>	<u>DEN</u>	<u>Accessing Program (PTxx)</u>
Weapon Systems File (WSF) Level A	UIC	A002	WA/WB/WJ/WK
WSF Level C	APL/AEL	D008/D009	WA/WB/WC/WJ
Supplemental Nomenclature File (SNF)	APL/AEL	DOO8/D009	WA (Option F)
Master Date File(MDF)	NIIN/NICN	D046D	AS/BA/BD/BJ/BK/EF/NR/ WC/ YC/YD
Program Support Interest File (PSI)	NIIN/NICN	D046D	BD/BJ/BK/EF/ YB/WC
Technical Reference File (TRF)	NIIN/NICN	D046D	BD/BJ/BK/EF/YD/WC
NIIN History File(NHF)	NIIN/NICN	D046D	BD/BJ/BK/EF
Old NIIN File (ONF)	NIIN/NICN	DO46D	BD/BE/BF/BJ/BK/CB/EF
Due-In/Due-Out File (DDF)	NIIN/NICN	D046D	CL
Planned Program Requirements (PPR)	NIIN/NICN	DO46D	CH
Cross Reference File(CRF)	Fed Supply Code for Mfgs. (FSCM)/REF Number	CO35/D001	BB/EF
Nomenclature to RIC File (NRF)	APL/AEL Nomenclature	E001	YG
Contract Status File(CSF)	NIIN/NICN	D046D	NB

3.0 LOCAL NAVSEA PROCEDURES

UICP files can be accessed via local NAVSEA terminals and the Defense Information Services Agency System. Appropriate retrieval functions are outlined in this appendix. Users should comply with local log-on requirements and keep informed of emergent software or related system modifications to ensure continued program accessibility.

a. After entering the DISA System, the user will be required to enter a previously provided user identification alpha numeric and a password and then press the <Enter> key.

b. A menu screen titled CL/SUPERSESSION will appear with a "Help Desk" phone number (717-605-7426) and series of Session Identification descriptors. The NAVSEA user will generally scroll through this listing to the last page where a "Command" line appears. At that point the user will key in a "S UUA02" command followed by <Enter>.

c. The next screen will again require entry of the user's password. After keying in and entering the password, an "Enter Next Task Code" will appear.

d. The user can then key in the two-letter code of the desired retrieval preceded by "PT". If necessary, a "PF24" input will produce the following help matrix:

SYSTEM MENU VERSION A02					
UICP REAL TIME RETRIEVALS					
KEY IN A TWO-CHARACTER PROGRAM ID OR A HELP REQUEST NUMBER FROM THE LISTS BELOW AND PRESS ENTER.					
PROGRAM/HELP REQUESTED:					
PROGRAMS			HELP REQUESTS		
AS	BM	OU	YC	1	PROGRAM DESCRIPTIONS
BA	CB	RS	YE	2	PROGRAM/DEN CROSS REF
BB	CD	WA	YG	3	DEN/PROGRAM CROSS REF
BC	CH	WB		4	DEN TITLE/DEN CROSS REF
BD	DA	WC		5	PF KEYS
BE	DB	WG			
BF	DJ	WJ			
BJ	EF	WK			
BK	ND	YA			

e. A brief description of the UICP A02 real time retrieval programs follows:

<u>Program</u>	<u>Description</u>
AS	Provides item stock status.
BA	Provides item information from the various segments of the MDF, PSI, TRF.
BB	Provides FSCM/reference number to NSN cross-reference information.
BC	Provides data from the CASREP Requisition File.
BD	Provides preservation, packaging, transportation and cognizance data.
BE	Provides supply item tech data pertinent to procurement referrals or required item management data from the specified application entry.
BF	Provides supply item technical procurement data.
BJ	Provides data for up to 10 DENs for 10 NSNs in the MDF, PSI, TRF, or ONF.
BK	Provides data necessary for tech analysis pertinent to procurement of an item.
BM	Provides data from the Material Returns Program Suspense File.
CB	Provides data contained in the Change Notice Suspense File/Effective Suspense File.
CD	Provides data from the Backorder Finder File.
CH	Provides data from the Planned Program Requirements File for a specific item.
DA	Provides data from the Repairable Management File. Option G relates Designated Overhaul Point (DOP) information.
DB	Provides data from the Repairable Events File.
DJ	Provides retrieval of up to 10 DENs for any 10 Repairables Mgmt File Records.
EF	Provides NSN cross-reference data for up to 8 FSCM/reference numbers.
ND	Provides data from the Suppliers Data File.
OU	Provides the Navy's order of use for DoD interchangeable and substitutable families where the Navy is the primary inventory control activity.
RS	Provides Document Status File data for a specified document number.
WA	Provides option tailored WSF data.
WB	Provides data for up to 10 next higher assemblies for up to any 10 APLs, AELs, or equipment model codes.
WC	Provides application data and allowance list data for a specific NSN.
WG	Provides WSF next lower assembly chain extract down to 4 levels of indenture.
WJ	Provides up to 10 non-repetitive data elements for up to 10 WSF level A,B, or C primary records or for any 10 Record Identification Numbers in the WSF.
YA	Provides WSF program WA data with nomenclature input. Nomenclature is crossed to a WSF key in the Nomenclature to Routing Identifier Code (RIC) File.
YC	Provides part/equipment application population data.
YE	Provides data from the MDF, PSI, TRF and WSF which is necessary for management of shipboard equipment configuration.
YG	Provides data from the Nomenclature to RIC File necessary for management of shipboard equipment configuration.